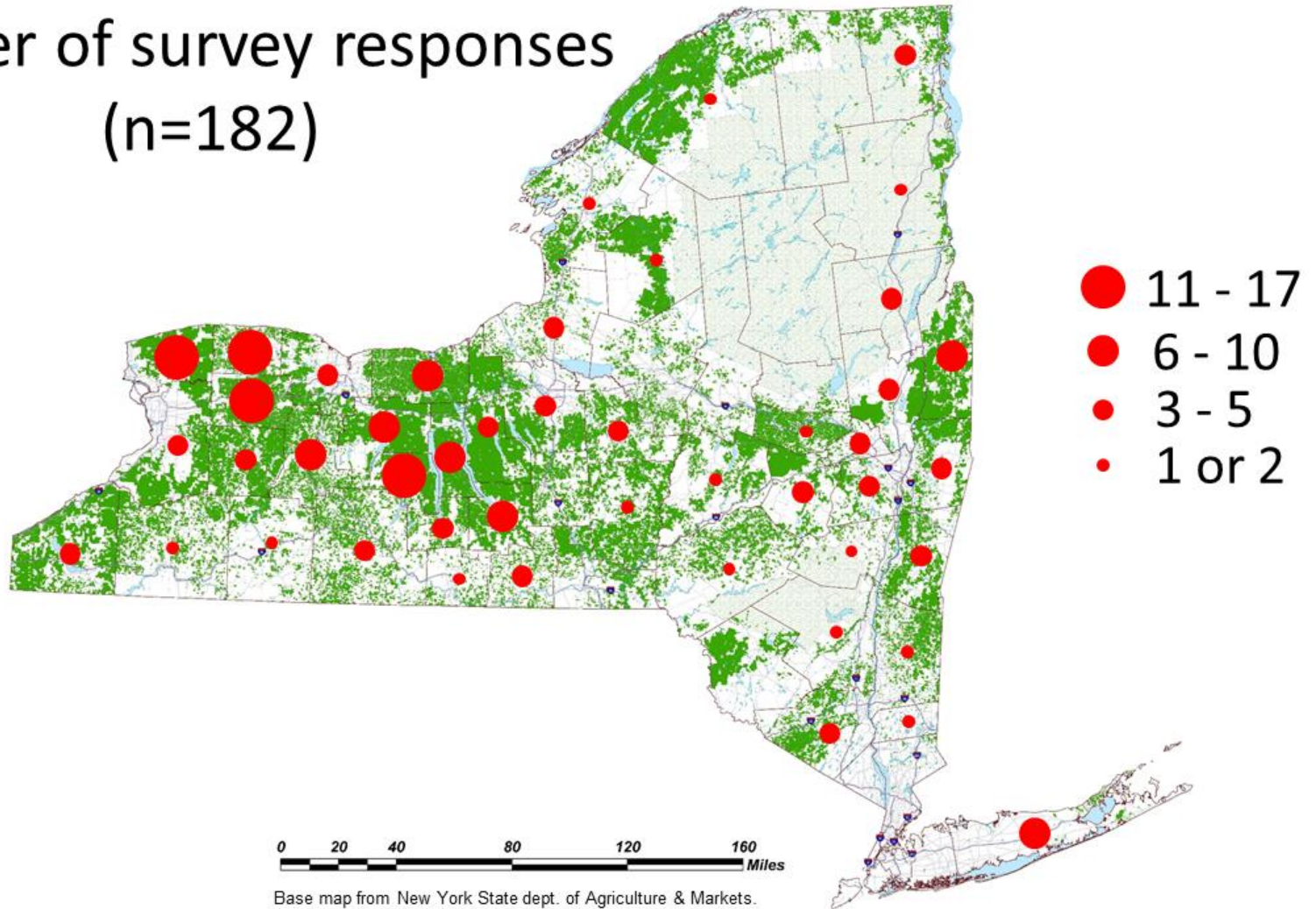


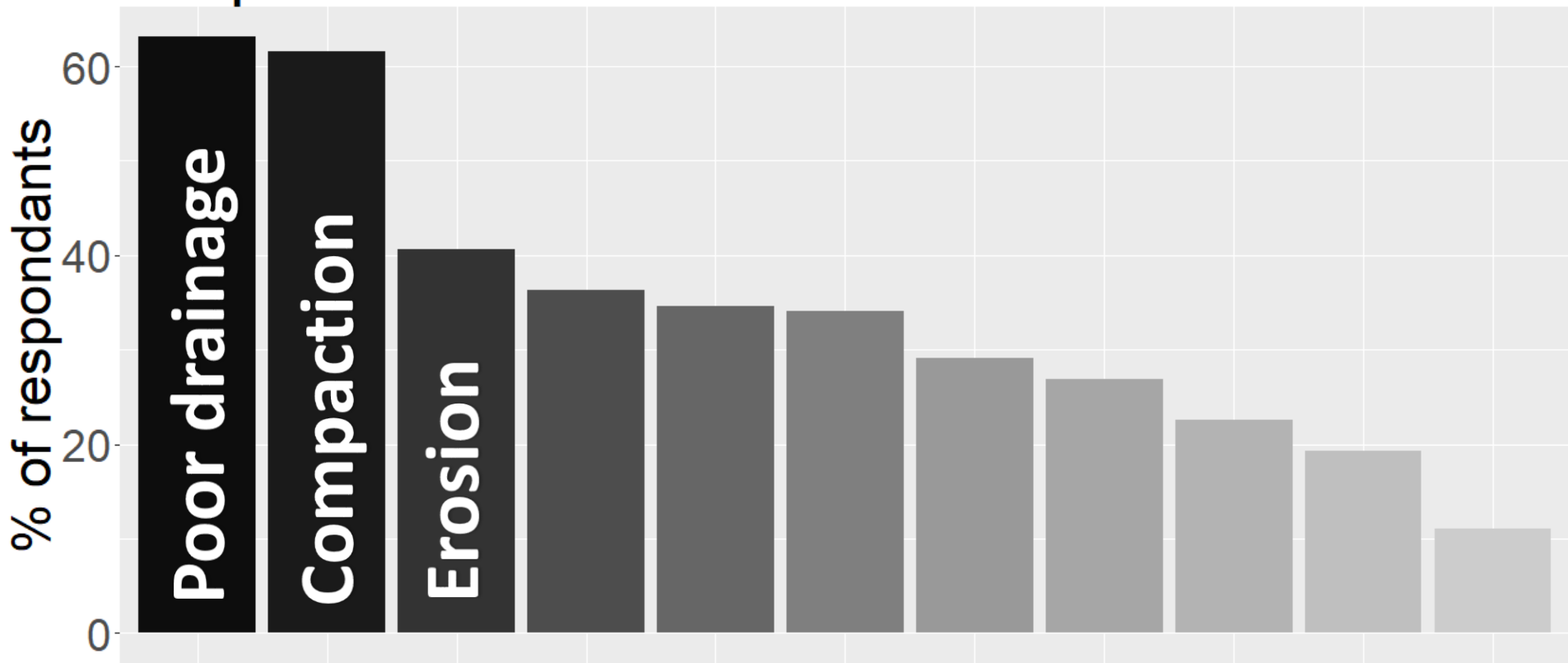
New York Soil Health Survey of Costs, Constraints, and Benefits

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Number of survey responses (n=182)



Crop Production Constraints in New York



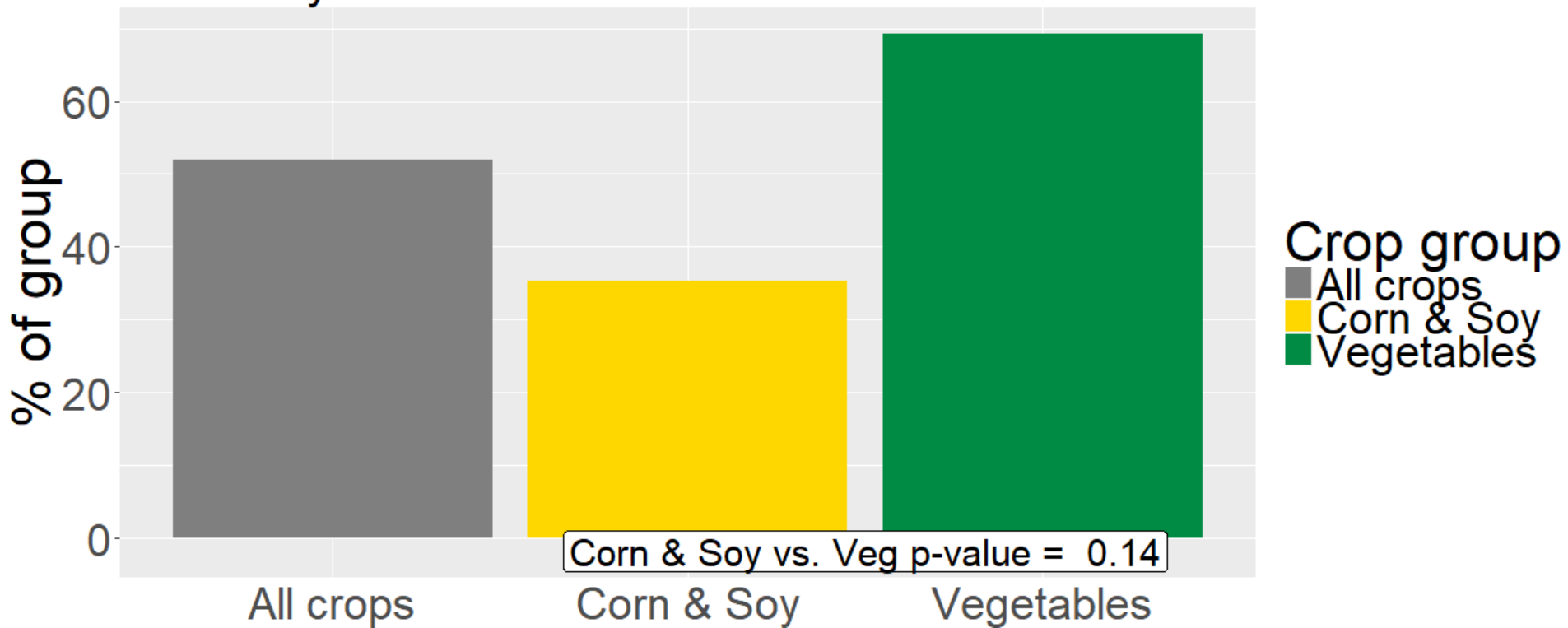
Major Benefits of Reduced Tillage

R
A
N
K

	Corn & Soy (n=17)	Vegetables (n=13)
1	Less labor, fuel, or equipment (88.2%)	Less erosion repair (69.2%)
2	Less erosion repair (76.5%)	Greater yields (69.2%)
3	Greater yields (35.3%)	Less labor, fuel, or equipment (53.8%)

Reduced Tillage

Greater yields

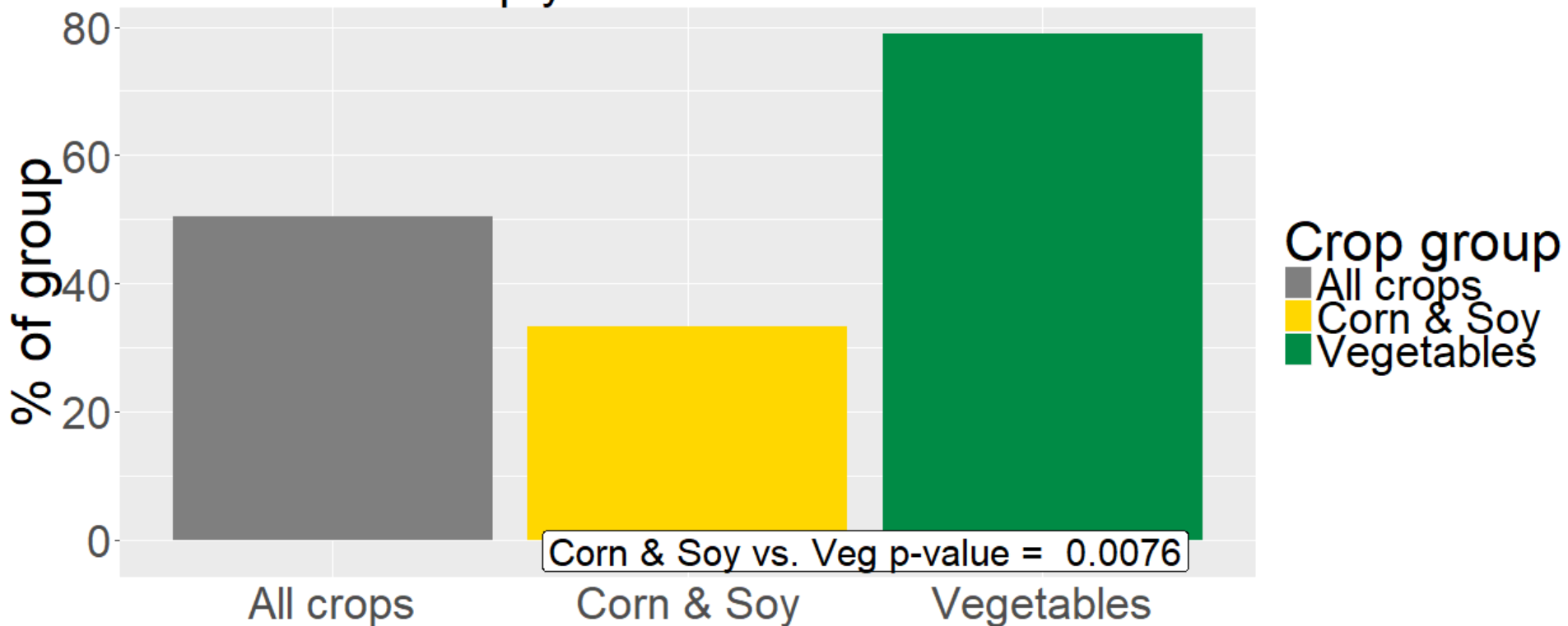


Major Benefits of Cover Crops

	Corn & Soy (n=24)	Vegetables (n=19)	
R	1	Less erosion repair (95.8%)	Less erosion repair (78.9%)
A	2	Source of animal forage (45.8%)	Greater yields of cash crops (78.9%)
N			
K	3	Greater yields of cash crops (33.3%)	Less fertilizer (57.9%)

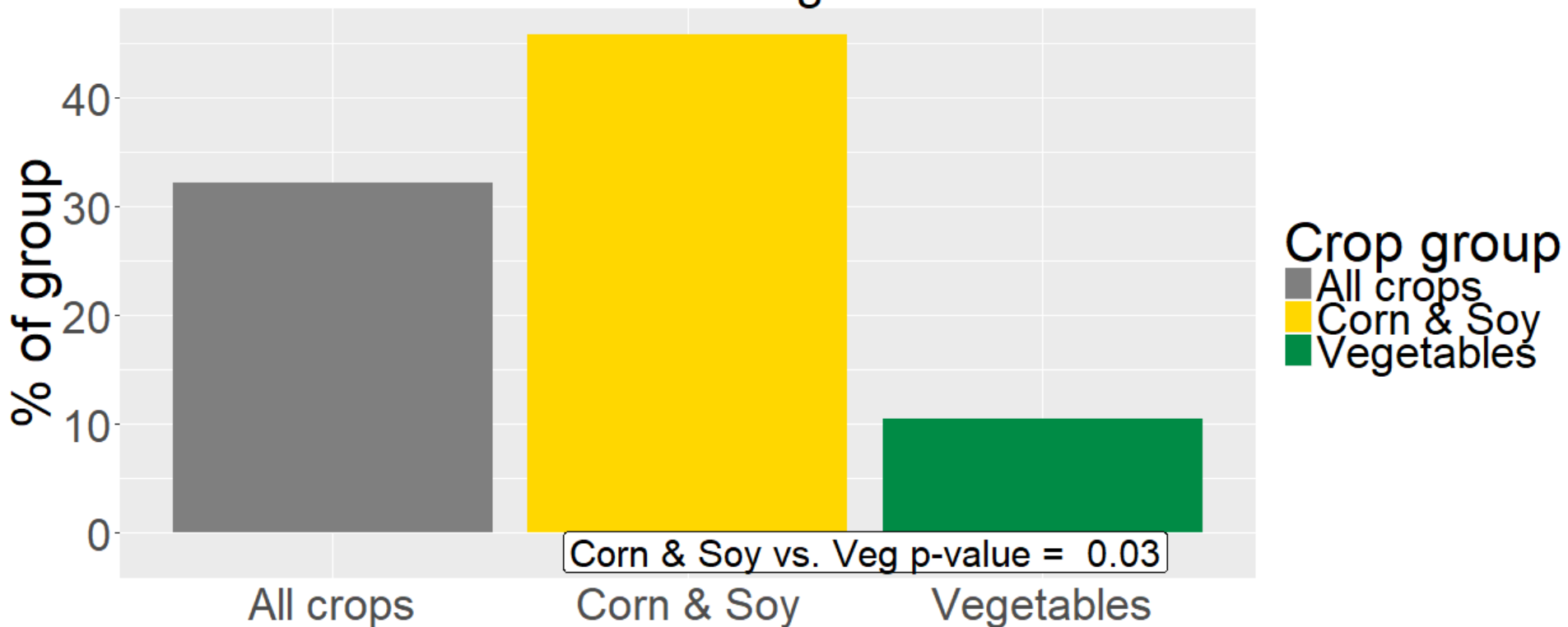
Cover Crops

Greater cash crop yields



Cover Crops

Used as source of animal forage



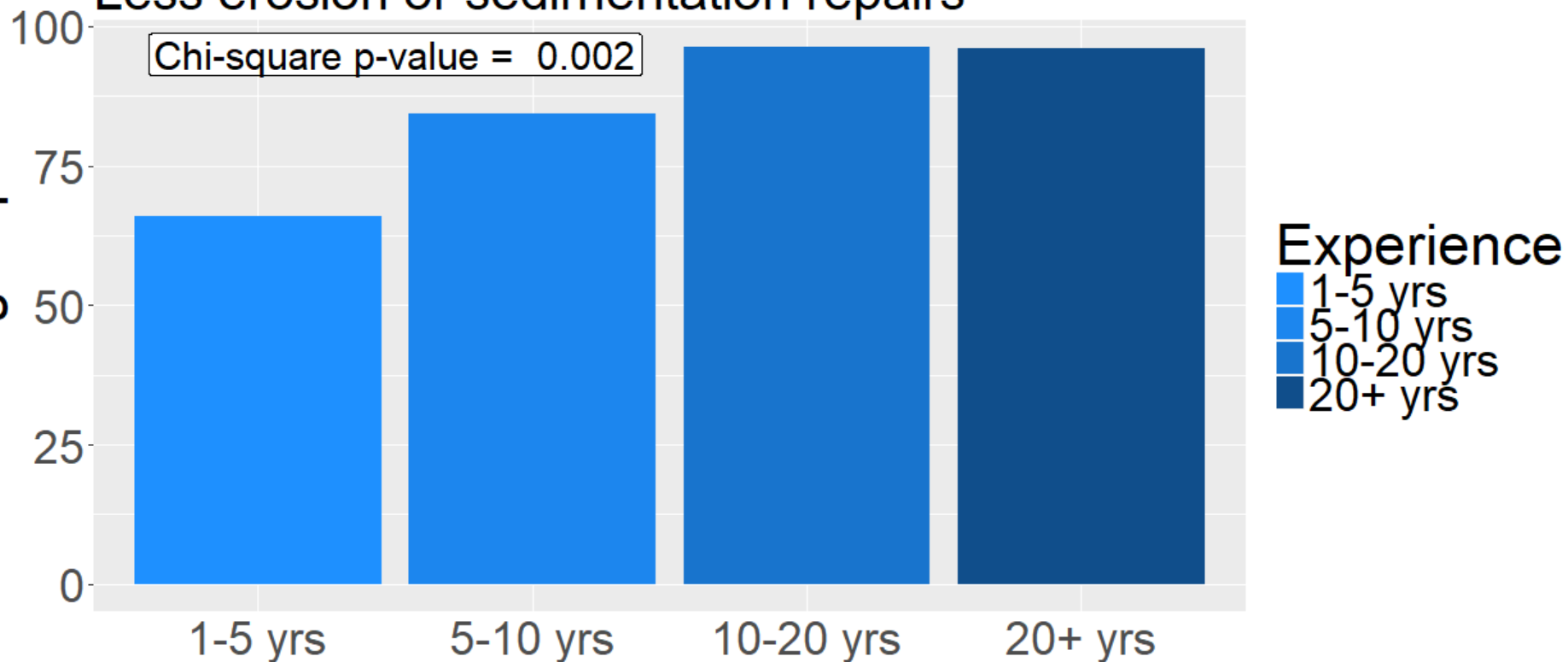
Changes in costs and benefits over the long term

Different levels of experience:

- **1 - 5 years**
- **5 - 10 years**
- **10 - 20 years**
- **20+ years**

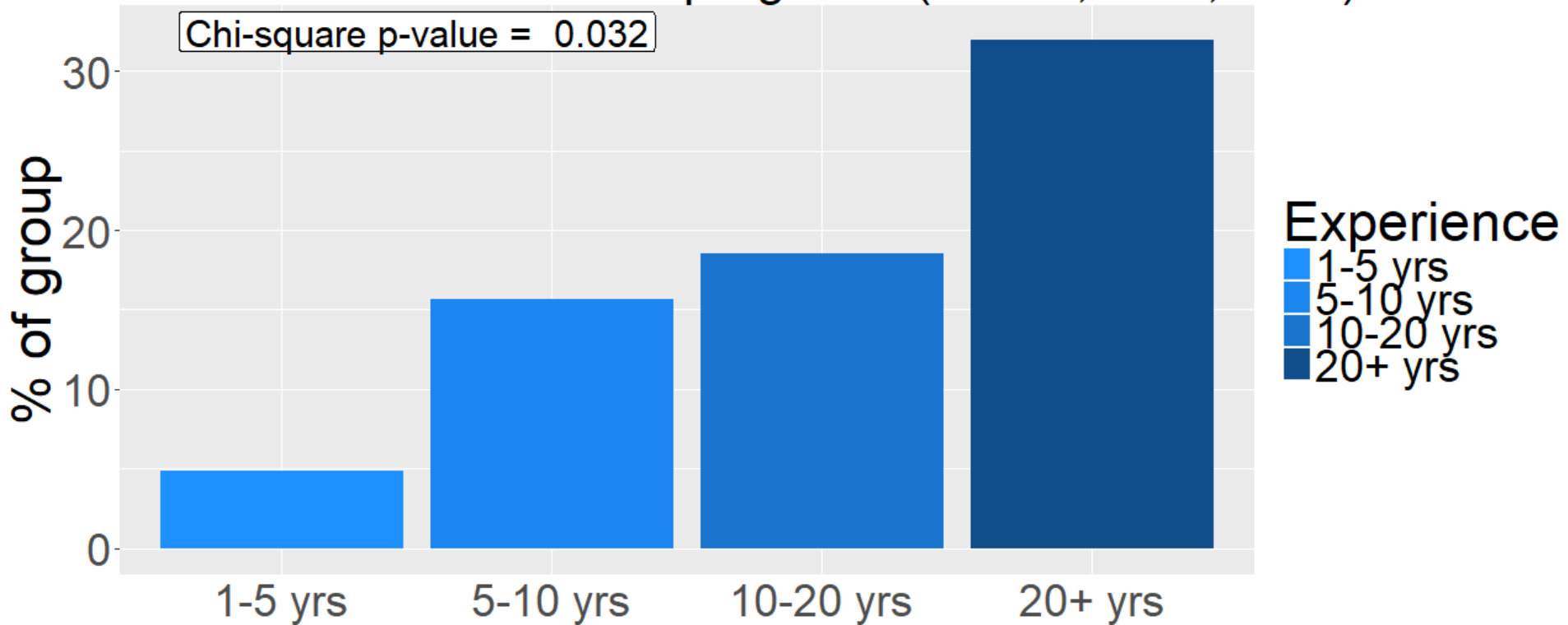
Reduced Tillage

Less erosion or sedimentation repairs



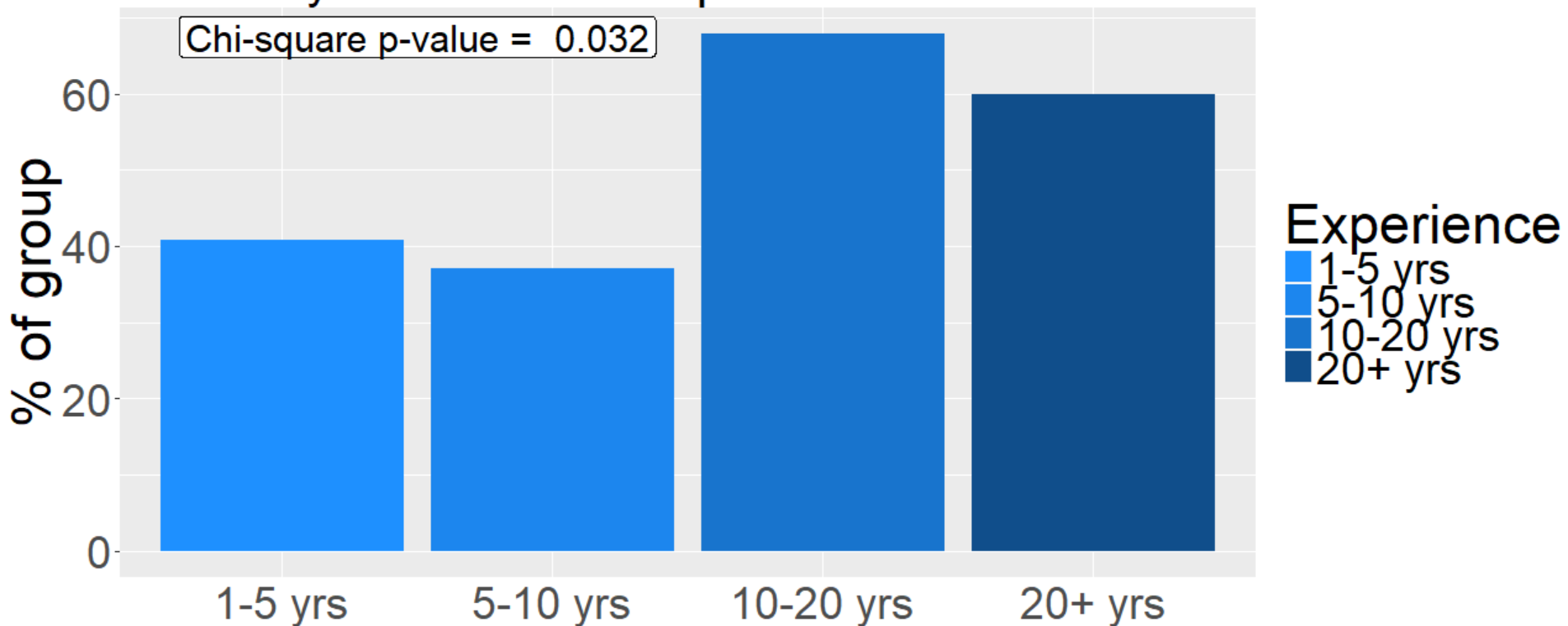
Reduced Tillage

Benefits from cost-share programs (NRCS, CSP, CRP)



Cover Crops

Greater yields of cash crops



Weather Resilience

